504396003 06/02/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT4442700

CONVEYING PARTY DATA

Name	Execution Date
KENNETH P. GRACE	04/18/2017
THOMAS TRIFFO	04/18/2017
JAMES CEZO	04/18/2017

RECEIVING PARTY DATA

Name:	THE SPECTRANETICS CORPORATION	
Street Address:	9965 FEDERAL DRIVE	
City:	COLORADO SPRINGS	
State/Country:	COLORADO	
Postal Code:	80921-3617	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15476183

CORRESPONDENCE DATA

Fax Number: (303)607-3600

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(303) 607-3500 Phone:

Email: aimee.miller@faegreBD.com FAEGRE BAKER DANIELS LLP **Correspondent Name:**

Address Line 1: 1700 LINCOLN STREET

Address Line 2: **SUITE 3200**

Address Line 4: DENVER, COLORADO 80203

ATTORNEY DOCKET NUMBER: 487145.819 **NAME OF SUBMITTER:** STEVEN WIEMER SIGNATURE: /steven wiemer/ **DATE SIGNED:** 06/02/2017

Total Attachments: 4

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Attorney Docket No.: 487145.000819 Page 1 of 4

First Named Inventor: Kenneth P. Grace

Title: LASER-INDUCED FLUID FILLED BALLOON CATHETER

WHEREAS, we, Kenneth P. Grace, residing at 430 Hopi Trail, Woodland Park, Colorado 80863, Thomas Triffo, residing at 5591 Butterfield Drive, Colorado Springs, Colorado 80923, and James Cezo, residing at 2040 Westmoreland Road, Colorado Springs, Colorado 80907, have invented dertain new and useful improvements as described in an application entitled LASER-INDUCED FLUID FILLED BALLOON CATHETER, for which an application was made for Letters Patent of the United States, the application being identified in the United States Patent and Trademark Office by Application No. 15/476,183, filed March 31, 2017; and

WHEREAS, The Spectranetics Corporation, having an address of 9965 Federal Drive, Colorado Springs, Colorado 80921 ("Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including provisionals, divisionals, continuations, and continuations-in-part), corresponding foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and we authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, or our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar leggl-protection on the invention in any and all countries.

Kenneth P. Grace

inte Stell K+D S

Date 4/16/19

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF DIRYGOD

COUNTY OF FIT YOU'S

Subscribed and sworn to before me, a Notary Public, this & day of Away 2017.

A h il

Notary Public

(SEAL)

RELENE HARMON
NOTARY PUBLIC
STATE OF COLORADO
MOTARY ID 2004/023305
CMMSSON EXPRES ALVA, 2020

Attorney Docket No.: 487145,000819 Page 2 of 4

First Named Inventor: Kenneth P. Grace

Title: LASER-INDUCED PLUID FILLED BALLOON

Thomas Triffo Thomas Triffo Tritle Senior Engineer

Date 4/18/17

CATHETER

CERTIFICATE OF ACKNOWLEDGMENT

COUNTY OF ET PASO SS.

Subscribed and sworn to before me, a Notary Public, this 10 day of 10 11 2017.

Allulamus

(SEAL)

RELENE HARMON
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20044023335
NY COMMISSION EXPRES JULY 8, 2020

Attorney Docket No.: 487145.000819 Page 3 of 4

First Named Inventor: Kenneth P. Grace

Title: LASER-INDUCED FLUID FILLED BALLOON

CATHETER

Imnes Cezo (

THE SPAIN Engineer

Date 4/18//=

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF Glorads

: SS.

Subscribed and sworm to before me, a Notary Public, this 17 day of 1000 2017.

Notary Public

(SEAL)

RELENE HARMON NOTARY PUBLIC STATE OF COLORADO NOTARY IO 20044023308 NY COMMISSION EXPIRES UNIVER 2020

Attorney Docket No.: 487145.000819 Page 4 of 4

First Named Inventor: Kenneth P. Grace

Title: LASER-INDUCED FLUID FILLED BALLOON

CATHETER

ACCEPTANCE OF ASSIGNMENT BY ASSIGNEE

On behalf of the Assignee, I confirm that the Assignee has accepted the assignment of the patent application set forth in this assignment document from the Assignor to the Assignee.

Paul Gardon, Senior Vice President, General Counsel

The Spectranetics Corporation

Date 5-10-17

US.110978860.01

RECORDED: 06/02/2017